

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	418123	("438"/\$.ccls. or "257"/\$.ccls.) and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 11:19
L2	427	I1 and (hafnium near silicate)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 11:20
L3	16	I2 and ("AIN" or "AION" or (diffus\$3 near supress\$5))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 11:21
L4	6	I1 and (((high dielectric constant) or (high-k)) near2 (diffusing or diffusion) near2 silicon)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/08 11:50
L8	2	("20070170502").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/08 12:38
S41	418089	("438"/\$.ccls. or "257"/\$.ccls.) and (@pd<"20030324" or @ad<"20030324" or @prad<"20030324" or @rlad<"20030324")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 15:59
S42	50	S41 and ((hafnium oxide or high-k dielectric or "HfO. ₂ ") with barrier with nitride)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:01

S43	290	S41 and (hafnium oxide or high-k dielectric or "HfO. sub.2") and (barrier near2 nitride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:22
S44	284	S43 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:22
S45	17	S41 and (hafnium oxide or high-k dielectric or "HfO. sub.2") and (metal silicate) and ("AlON" or "AlO.sub.xN. sub.y" or "AlN")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:26
S46	7	("4097314" "5431734" "5540777" "5648113" "5728222" "6037003" "6312565").PN. OR ("7015152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 16:34
S47	7	("4097314" "5431734" "5540777" "5648113" "5728222" "6037003" "6312565").PN. OR ("7015152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 16:34
S48	43	("5231061" "5337651" "5382817" "5393564" "5499799" "5650361" "5668028" "5783716" "5820664" "5861189" "5879459" "5998870" "6015917" "6048790" "6067244" "6214105" "6214729" "6225237" "6541067").PN. OR ("6984591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 16:43
S49	0	S41 and (gate dielectric near2 (hafnium oxide or high- k dielectric or "HfO.sub.2")) and ("AlON" or "AlN" or aluminum nitride or aluminum oxy\$2nitride) and ((heat\$3 or anneal\$3) with silicate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:49
S50	15	S41 and (gate dielectric near2 (hafnium oxide or high- k dielectric or "HfO.sub.2")) and ("AlON" or "AlN" or aluminum nitride or aluminum oxy\$2nitride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:50

S51	0	S41 and ((hafnium oxide or high-k dielectric or "HfO. sub.2") with (anneal\$3 or heat\$3) with ("aln" or "alon" or aluminum nitride or aluminum oxy\$2nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:56
S52	19	S41 and ((hafnium oxide or high-k dielectric or "HfO. sub.2") same (anneal\$3 or heat\$3) same ("aln" or "alon" or aluminum nitride or aluminum oxy\$2nitride))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/03 16:57
S53	53	("4545115" "5195018" "5508092" "5646583" "5742471" "6015739" "6335240").PN. OR ("6627503").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/03 17:05

EAST Search History (Interference)

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9/ 8/ 2009 3:11:13 PM**C:\ Documents and Settings\ mmalek1\ My Documents\ EAST\ Workspaces\ 10550645.wsp**